

# Sussex Service Authority

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September 13, 2010

Stony Creek WWTP: Permit # VA0062669

Dear Emilee Carpenter:

I'm writing to explain the sludge permit application. The treatment plant consists of two lagoons that work in series. I don't foresee that the plant will need to dispose of any sludge that it produces in this permit cycle. The operators check the sludge depth levels in the lagoons periodically and the levels are low. When the time comes to remove sludge from the lagoons the first lagoon will have to be bypassed and the flow diverted to the second. Then the water will be pumped off the first lagoon and the sludge pumped and hauled to our Black Swamp WWTP, where it will be aerobically digested and dewatered.

Sincerely,



Michael D. Smith  
Operations Supervisor